

**ABSTRACT OF THE DISCLOSURE**

5 A shift control system for a V-belt type CVT is constructed to input a target torque signal obtained by estimating engine torque in accordance with vehicle operating conditions and a target shift ratio of the CVT, input an actual torque signal obtained by detecting actual engine torque, synthesize the target and actual torque signals to provide an estimated-torque signal, and control the line pressure in accordance with the estimated-torque signal.